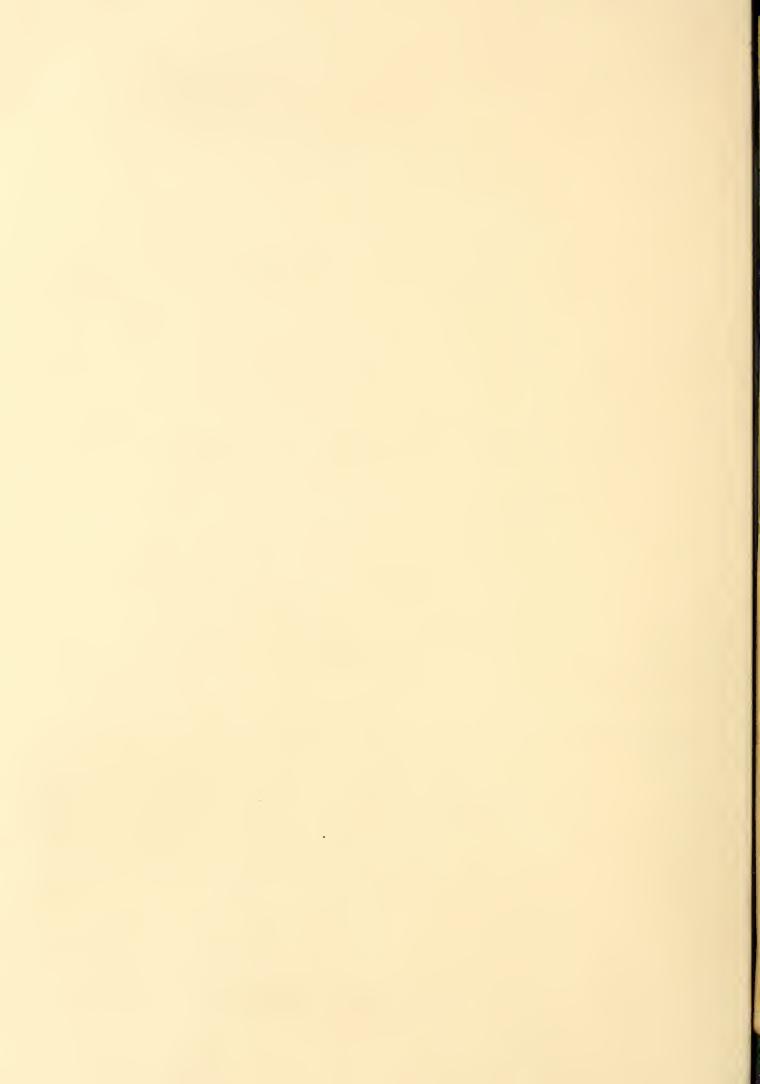
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PRELIMINARY WORKING DRAFT - SUBJECT TO REVISION

UNITED STATES DEPARTMENT OF AGRICULTURE
WAR FOOD ADMINISTRATION
FOOD DISTRIBUTION ADMINISTRATION

MAKING THE MOST OF MEATS . . .

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"INDUSTRIAL LUNCHROOM

Washington, D. C.
January 1944

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MAKING THE MOST OF MEATS IN THE

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INDUSTRIAL LUNCHROOM

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Traditionally meat has been the favorite source of protein in the American dietary because of its flavor and staying quality, as well as its food value. In time of war, however, the demands made on the available meat supply by the armed forces of our country, as well as of our Allies, do not allow everyone to obtain as much meat as individual taste may desire. To these circumstances is added an increased civilian purchasing power which also limits the amount of meat available for any one individual.

Meat is not, however, the only good source of protein. Many persons living on meatless diets have maintained an adequate standard of nutrition without the consumption of any flesh foods. Their protein requirement has been fulfilled by eating relatively large amounts of cereal products, legumes and muts. Although some of these persons eat no animal products many others include eggs and milk in their diet. Even though the protein content of these foods is not identical with that of meat, they supply valuable amounts of this nutrient.

In 1839, a Dutch chemist coined the name protein from the Greek word "proteois, meaning primary, in order to indicate that proteins are indispensable dietary factors. The most important functions of the proteins are to build and maintain body tissue and to replace the chemical compounds containing nitrogen which are lost in the processes of metabolism.

Proteins are essential constituents of both plant and animal life. Animals, including the human being, form the proteins characteristic of their own tissues. For this they depend upon the digestion products obtained from the proteins of their food. These digestion products are called amino acids and the dietary value of the protein depends on the number and type of the amino acids present.

In general, proteins of animal origin have a higher nutritive value than those of vegetable origin. Thole eggs, milk and cheese contain valuable amounts of protein. Liver, kidney, and heart are good sources of protein, and have a higher vitamin value than the muscle meats. Peas, beans, peanuts and other legumes and nuts contain rather high percentages of proteins, and in some parts of the world they are the chief source of dietary proteins.

Cereal proteins have a lower nutritional value than those of meat and animal products but since large amounts of these foods are consumed (the U. S. Department of Agriculture says that cereals provide almost 30 percent of the protein of the average American dietary), they contribute materially to the total protein intake.

Fish and poultry provide an amounts of protein which is only slightly less than that derived from muscle meats and is of equally good quality.

Using Meat Advantageously in the Industrial Lunchroom

The industrial lunchroom manager is confronted with many problems resulting from an increased patronage and a decreased meat supply. Although the rationing of meats gives everyone a chance to buy his fair share of meat, it does not al-

ways provide the most popular cuts of meat in the quantities desired. Rib roast of beef and porterhouse steak may appear seldom on wartime menus, while beef stew and meat loaf may occur often. In addition one or more "meatless" days on which no rationed meats are served are an accepted practice in many communities.

It is the purpose of this publication to provide a group of recipes for meat extenders and meat alternates which are suitable for service in industrial lunchrooms, and to suggest ways in which managers may make the most of the meat available.

Appetizing and nutritious dishes may be made by combining meats with other foods such as vegetables, cereals, legumes, milk and eggs. In "meat extender" dishes meat is used to give texture and flavor to products made with proportionally small amounts of meat, and larger amounts of other foods.

Meat supplies protein, the B vitamins, and iron to the diet. Meat extender dishes that are made largely with vegetables and cereal products may be low in one or more of these nutrients. In order to balance the meal this type of meat extender may be combined with other foods which supplement its nutritive value. Spanish spaghetti, for instance, made with a small amounts of meat, is improved in protein content when topped with grated cheese. Baked green peppers stuffed with rice and minced ham are supplemented in both protein and vitamin content when a glass of milk is served as the beverage.

Meat extenders made with comparatively small amounts of meat, and large amounts of cereals, cereal pastes, or vegetables, should be served in 6- to 8-ounce portions.

Some of the foods which may be used to extend meats either in combined dishes or as accompaniments are:

Breads - bread crumbs, toast, biscuits, dumplings. Cereals - cornmeal, farina, hominy, rolled oats, brown rice,

polished rice, cracked wheat.

Cereal pastes - macaroni, noodles, spaghetti.

Eggs - in combination, or fried, hard cooked, poached, scrambled.

Legumes - black beans, kidney beans pinto, beans, white beans, soybeans, soybean grits, soybean flour, dried green peas, black-eyed peas.

Milk - in combination, or as sauce.

Vegetables - cabbage, carrots, celery, corn, mushrooms, green peppers, peas, potatoes, rutabagas, squash, tomatoes, turnips.

Another way to stretch the meat supply is to serve meat alternates frequently in place of meat. Poultry, fish, cheese, eggs, milk, dried peas and beans, soybeans and peanuts are all good sources of protein which can be used satisfactorily as meat alternates. These foods not only are good sources of protein, but also of phosphorus and three of the B vitamins - thiamin, riboflavin and niacin. Dried peas, beans, and peanuts are also good sources of iron.

Although all of the meat alternates are good sources of protein, they differ somewhat from meat in the amounts of the nutrients which they contain. Poultry, fish, eggs, and cheese may be used interchangeably with meats as excellent sources of protein. Legumes and nuts contain proteins of somewhat lower nutritive value than the animal proteins. When these foods are used as alternates for meat, the meal is improved in nutritive quality when milk, cheese, or eggs are combined with these foods, or served in other dishes accompanying

them. Milk and cheese are somewhat low in iron; therefore, when they are used as meat alternates it is well to include an iron-rich food on the menu. Macaroni and cheese, for instance, may be made with a milk sauce to improve its protein content, and may be served with a leafy green salad to supplement its iron value. Likewise the nutritive value of a meal in which baked beans are used as the main dish, is improved when a custard dessert is served.

Balancing the Ration Points

Menus should be planned so that several very popular cuts of meat like roast beef, steak, baked ham and pork chops are neither concentrated in a single day nor in one part of the week, but are spread instead throughout the week's menus. When a choice of three entrees is offered on a cafeteria menu they may be planned to include a meat, a meat extender and a meat alternate. For example, a menu including roast pork, beef stew with vegetables, and baked beans would typify this plan. Many industrial food service operators have found that a more satisfactory plan is to serve meat extenders and meat alternate dishes to the exclusion of meat dishes on certain days of the week. This method permits all workers an equal opportunity to obtain meat on the days when it is served.

Similarly, a meat of high point value may be alternated with one of low point value in order to use ration points to good advantage. Short ribs of beef, for instance, with a low point value might be served on a day following one on which round steak with a high point value has been used. Kidneys, tongue, liver, and sweetbreads have comparatively low point values and very high nutritional values. They may be used on the menu occasionally, to advantage, to stretch the points and to improve the nutritive value of the worker's diet.

Handling and Storing Meats

When preparing carcass meats all lean trimmings should be saved to grind for meat loaves and patties, or to use in meat extender dishes. Small amounts of trimmings, not sufficient for other purposes, may be added to soup or gravy stock.

Fat trimmings should be saved and the fat melted down at low heat, strained through a clean cloth, and then stored in a covered container in a cold place. This fact may be used successfully for cooking and baking.

Meat bones taken from meat should be used for meat stock in soups and gravies, and to enhance the flavor of meat extender dishes.

Fresh meat spoils quickly and should be kept cold continuously. It should be refrigerated immediately after delivery, and kept at a low temperature until it is ready to be cooked. Meat storage refrigerators should be kept at a temperature of between 34° and 38°F.

Ground meat is particularly perishable and should be prepared only a short time before it is cooked. For safety it should be cooked on the same day on which it is ground.

Glandular meats like liver, tongue, sweetbreads, and brains, spoil more readily than the muscle meats. These meats should be kept well chilled and should be used promptly.

Frozen meat requires careful handling because it deteriorates very rapidly after it is thawed. It should not be thawed and then refrozen. When only part of a container of frozen meat cuts is needed, this amount should be removed and thawed, leaving the remainder of the meat in the freezing compartment. Likewise, part of a frozen carcass may be removed without thawing the entire piece.

Frozen meat should be held well below the freezing point, preferably at a temperature of between 10 and 15°F. It should be thawed at room temperature and then cooked immediately. Frozen meat should not be soaked in water to hasten the thawing process, because in this way valuable mutrients are lost.

Cooking Meats Meats may be cooked by the use of either dry or moist heat. Tender cuts of meat are best suited to cooking by dry heat and can be roasted or broiled successfully. Tough cuts of meat require longer, slower cooking, and can be prepared best by braising or simmering in water.

Roasting

Roasting meat means to cook it by dry heat in the oven in an uncovered pan without the addition of water. In order to keep the meat tender and moist and to prevent shrinkage, the roasting temperature should be kept between 300 and 325°F. Although a roasting temperature of 300°F. is desirable because it decreases the amount of shrinkage, it also increases the cooking time. Therefore, when the preparation time is limited, the use of a temperature of 325°F, will shorten the cooking period and still produce an acceptable product.

Roasts should be placed fat side up in the roasting pan so that the melted fat will drip down over the meat and baste it as it cooks.

The meat may be rubbed with salt before it is roasted if desired. Dredging the outside of roasts with flour is not necessary.

Cooking tests have disproved the theory that searing meat "seals in the juices." In fact the searing of meat has been proved to increase the amount of shrinkage and to make the meat drier. However, many restaurant patrons prefer brown gravy and the flavor of seared meat. When these effects are desired, the roasts may be seared in a hot oven at 450°F, for from 15 to 20 minutes, and then the temperature reduced to 325°F, and maintained at that point throughout the cooking period.

The addition of water to roasts increases the cooking losses. Tater should not be used when cooking tender cuts of meat.

Cuts of West Suitable for Boasting

Beef	Pork	Lamb	Veal
Rib Chuck ribs Rump	Smoked Ham Fresh leg Loin Smoked picnic Boston butt	Leg Shoulder	Leg Shoulder Loin

Broiling

Broiling meat means to cook it quickly by direct heat from hot coals, a gas flame, or an electric element. Panbroiling meat is to cook it in a hot skillet greased only by the meat fat itself. These methods are suitable for very tender cuts of meat such as steaks and chops. Well broiled meat has an evenly browned surface and a plump, juicy interior.

To broil meat successfully, the broiler should be preheated at 550°F. for 10 minutes. Steaks and chops of medium thickness, that is 3/4 to 1 inch thick should be placed on the broiling rack and the rack adjusted so that the top surface of the meat is about 2 inches below the heating element.

The meat should be broiled on the top side until well browned, then turned and broiled on the other side to the degree of doneness desired, -- rare, medium or well done.

When pan broiling meat the skillet should be preheated, then rubbed with some of the fat from the meat. The meat should be cooked at a moderate temperature on one side, seasoned, then turned and cooked on the other side until done. Excess fat should be drained from the pan as it accumulates.

Cut	s or mea	t suitable for	Proliting	=
Beef		Pork	Lamb	
Club Steak		Bacon	Leg Steaks	
Porterhouse st	eak	Sliced ham	Loin Chops	
Rib Steak		Sausage	Rib Chops	
Sirloin Steak			Shoulder Chops	
Tenderloin St	eak		Lamb patties	
Hamburger cak	es			

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Frying

Frying applies alike to cooking in deep fat and to cooking in shallow fat in a frying pan or skillet. Small and thin cuts of tender meats such as sliced liver or pork tenderloin may be pan fried, while deep fat frying is well adapted for cooking partially precooked meats and meat mixtures like croquettes.

In wartime, as a means of conserving fats, pan broiling and braising should be substituted for frying whenever possible.

Braising

Braising meat means to brown it in a small amount of fat, and then cook it slowly with a little liquid in a covered pan. This method of moist heat cookery is best adapted to cooking tougher cuts of meat, because the long slow cooking softens the connective tissues. Typical braised meats are pot roasts, short-ribs, Swiss steak, fricassees and baked heart.

Braised meats should be cooked by simmering at a temperature below the boiling point in order to produce a tender product.

Liquids used in cooking braised meats may be water, meat stock, vegetable liquor, tomato juice or fruit juice. During cooking some of the flavor and nutritive value of the meat is extracted in the liquid; therefore, this juice should be thickened and served with the meat.

Meat prepared for braising may be dredged with seasoned flour before browning.

Pork and veal chops and steaks and shoulder cuts of lamb often are improved in moistness and tenderness by braising instead of frying. After the meat has been well browned, a small amount of liquid is added, the pan covered, and the meat is allowed to simmer for a short time until tender.

Cuts of Meat Suitable for Braising

Beef	Pork	Lamb	Veal
Brisket	Ham Steak	Heart	Breast
Chuck	Heart	Breast	Heart
Flank Steak	Kidney	Ki dney	Kidney
Plate	Rib and loin chops	Liver	Liver
Round Rump	Spareribs	Shoulder	Leg steaks Shoulder
Short-ribs			
Heart			
Kidney			
Liver		•	

Stewing

Stewed meats generally are cooked in a larger amount of water than braised meats and may or may not be browned first. Stews are made of the tougher portions of meats, cut into small pieces, and simmered in water until tender. The temperature should be maintained below the boiling point throughout the cooking period.

A brown stew is made by dredging the meat with seasoned flour and then browning it in a small amount of fat before adding the liquid. Browning the meat improves both the color and flavor of the stew. A plain stew is made by adding boiling water directly to the uncooked meat.

A variety of vegetables may be used in stews. Potatoes, carrots, onions, turnips, celery, peas and tomatoes are among those suitable to add to stewed meat. These vegetables should be diced or cut in pieces about the same size as the meat. Vegetables should be added to the meat during the latter part of the cooking period allowing just time enough so that the vegetables will be tender when the meat is done.

	Cuts	of	Meat Suitable	for Stewing
Beef			Lamb	Veal
Brisket			Breast	Breast
Chuck		<i>:.</i>	Flank	Flank
Flank	:		Kidney	Ki dney
Kidney			Shoulder	Shoulder
Lower ro	und			
Flate	:			

Simmering

Meats cooked in liquid never should be boiled, but should be simmered gently below the boiling point.

Large pieces of meat like corned beef, fresh beef brisket and plate, picnic hams, and tongue may be simmered. Veal and pork to be used in pies or in combination dishes may be precooked by simmering.

The liquid in which the meat is cooked may be seasoned with bay leaves, whole peppers or other spices, or with sliced onion and celery leaves. This stock makes an excellent base for sauces and soups.

	Meat Cuts Suita	able for Simmering	•
Beef	Pork	Lamb	Veal
Brisket Corned Beef Kidney	Hocks Picnic Hams Spareribs	Kidney Shoulder	Kidney Shoulder
Plate Tongue	;		4

RECIPES FOR MEAT EXTENDERS

Meat and Vegetable Combinations -

Baked Hash

(A.1+ 3 년 전수의 참 3 년		Amo	unt	s × 4
Ingredients		100 portions	:	500 portions
Beef, cooked and chopped	11	_		55 pounds
*Pork, cooked and chopped		•		15 pounds
Onion, chopped	S	pounds was	*	10 pounds
Salt	4	ounces	:	1 pound 4 ounces
Meat stock	2	quarts	:	2 1/2 gallons
Potatoes, cooked and chopped and the	16	pounds	:	80 pounds -

Size of portion - 5 1/2 ounces

- 1. Mix all the ingredients together lightly and put into oiled baking pans.
- 2. Bake about 1 hour in a moderate oven. (350°F.)
 * All beef may be used, or part beef, and part veal.

Beef and Kidney Pie

Ingredients	100 port	ions :	500 port	ions
Beef chuck, boned and cut in	were a second of the second of		and the second	~
l inch pieces	12 pounds	131.76	0 pounds	
Beef kidneys			0 pounds	
Bacon drippings	2 pounds	្រាស់ ស្នង	0 pounds	
nions, cut in wedges	4 pounds	: 2	0 pounds	
elery, diced	4 pounds	; 2	0 pounds	
arrots, cut in strips	6 pounds	: 3	0 pounds	•
otatoes, peeled and diced	6 pounds	: 3	0 pounds	
alt	2 ounces		.0 ounces	
lour	3/4 pound	:	4 pounds	
lain pie crust	8 pounds	: 4	10 pounds	

Size of portion - 8 ounces

- 1. Split the kinneys and remove the tubes and membranes. Soak in salted water for half an hour. Drain.
- 2. Slice the kidneys into 1/2 inch pieces.
- 3. Brown the kidney in one-half of the drippings, add the salt, and barely cover with water. Simmer for 45 minutes or until the kidneys are tender.
- 4. Brown the beef in the remaining drippings and simmer in boiling salted water until tender.
- 5. Cook the vegetables in boiling salted water until done.
- 6. Combine the meats, vegetables and cooking liquius. Thicken the gravy.
- 7. Put into oiled baking pans and cover with plain pie crust and bake in a 425°F. oven for about 1/2 hour.

Corned Beef Hash

the state of	Amounts	
Ingredients	100 portions	: 500 portions
* Corned beef brisket, cooked Cooked potatoes Corned beef stock Onion, chopped	10 pounds 22 pounds 1 quart 1 pound	50 pounds 110 pounds 5 quarts 5 pounds

Size of portion - 6 ounces

- 1. Chop the cooked corned beef and add the chopped potatoes, onion, and enough stock to moisten.
- 2. Place in oiled baking pans and bake in a moderate oven for 45 minutes to 1 hour.
- 3. Serve alone or topped with a poached egg.
- * It will take approximately 20 pounds of uncooked corned beef brisket to yield 10 pounds of cooked corned beef.

Southern Hash

2	Amounts			
Ingredients	100 pc	ortions :	500 portions	
Cooked diced meat	10 pounds		50 pounds	
Raw diced potatoes	20 pounds	:	100 pounds	
hopped onion	./L pound	:	5 pounds	
anned tomatoes	4 quarts	:	5 gallons	
hopped green peppers	1 pound	:	5 pounds	
alt	2 ounces	;	10 ounces	
rippings	· 8 ounces	:	2 pounds 8 ounces	

Size of portion - 6 ounces

- 1. Cook the chopped onion and green peppers in the drippings until tender, add to the tomatoes, season with salt.
- 2. Dice the cooked meat and potatoes into 1/2 inch pieces.
- 3. Mix the meat, potatoes and vegetables together.
- 4. Simmer until the potatoes are done. This mixture should be moist but not fluid.

Ham Loaf

	A TOMOR WAS A STREET	entrans augus of the first of a great part of the first o	* * * * * * * * * * * * * * * * * * * *	T.
		Amounts		
Ingredients		100 portions	:	500 portions
	, , , , , , , , , , , , , , , , , , , ,	o op in here in the con-		
Cooked ground ham	10	pounds	: 50) pounds
Ground fresh pork	10	pounds	: 50	pounds
Bread crumbs .	3	pounds	: 18	pounds
Salt		ounces		ounces.
Eggs	14		: 70	
Milk	• •	quarts	: 3	3 3/4 gallons

Size of portion - 3 1/2 ounces

- 1. Mix the ground ham, seasonings, and bread crumbs together.
- 2. Beat the eggs, add the milk, and combine with the meat.
- 3. Scale the meat into loaf pans, pressing the meat well into the corners. Bake 1-1/2 to 2 hours in a moderate oven (325°F.)
- 4. Serve accompanied by mustard or horseradish sauce.

Meat Loaf

Ingredients	Amo	Amounts			
2161 00101	100 portions	:	500 portions		
*Ground beef	15 pounds	:	75 pounds		
Ground pork	5 pounds	:	25 pounds		
Salt	4 ounces	:	1 pound 4 ounces		
Pepper	2 teaspoons	:	3 tablespoons		
Cayenne pepper	1/2 teaspoon	:	2-1/2 teaspoons		
Onions, ground	12 ounces		3 pounds 12 ounces		
Egs	10	:	48		
Milk	2-1/2 quarts	:	3 gallons		
Bread crumbs	4 pounds	:	20 pounds		

Size of cookea portion - 3 1/2 ounces

- 1. Mix the meats, seasonings and bread crumbs together.
- 2. Beat the eggs, add to the milk, and combine with the meat.
- 3. Scale into loaf pans and press into the corners evenly.
- 4. Bake for 1-1/2 hours in a moderate oven (325°F.)
- 5. Serve with a brown sauce or tomato sauce:
- * 5 pounds of ground liver may be substituted for the same amount of ground beef.

Meat Pie

,				Amo		Ī	No. of the second
- Ingredients		1 21 5	. 7	100 portions	* 15	50	00 portions ·
Filling:	j. 752+1	1.44 A	i Heriography			- al ₁ -	
Beef chuck, rump,	or round,	boned	20	pounds	:	100	pounds
	·			pound	:	5	pounds
Salt			. 4	ounces	: ·	1	pound 4 ounces
Water			2	-1/2 gallons	:	12	gallons
Onions .		where of	1	pound 8 ounces	:	7	pounds 8 ounces
Carrots, diced	• •		3	pounds 8 ounce	s :	17	pounds 8 ounces
Potatoes, peeled	· (1.1	7	pounds 8 ounce	s :	37	pounds
Flour	1.1		1	pound 4 ounces	:	6	pounds 4 ounces
Cold water	4 1	1 2	1	quart	;	6	quarts:
Biscuit Crust: .	:	1 A			:		and the state of t
Flour	4	, , , , ,	. 5	pounds	:	25	pounds
Salt	•		. 4	teaspoons	:	3	ounces . A '
Baking powder	• •		4	ounces		. : 1	pound 4 ounces
Fat	• •	0.0		pound 8 ounces	:	7	pounds 8 ounces
Milk · D	: ?	1017	1	-1/2 quarts	:	7-	-1/2 quarts

Size of portion - 8 ounces

- 1. Bone the meat and cut into 1 inch cubes. Brown the meat in the drippings.
- 2. Cover the meat with the boiling salted water and simmer 3 to 4 hours until tender.
- 3. About 1/2 hour before the meat is done, add the onions, carrots and potatoes and cook until the vegetables are tender.
- 4. Thicken the stock with a paste made of the flour and cold water.
- 5. Pour the stew into oiled baking pans and top with biscuits. Bake in a moderately hot oven until the biscuits are browned.

Porcupine Meat Balls

•	Amounts
Ingredients .	100 portions : 500 portions
Ground beef chuck or lower round Ground fresh pork shoulder Uncooked rice Onion, chopped Green pepper, chopped Salt	14 pounds : 70 pounds 6 pounds : 30 pounds 2-1/2 pounds : 12 pounds 12 ounces : 3 pounds 12 ounces 8 ounces : 2 pounds 8 ounces 2 ounces : 10 ounces
Pepper	2 teaspoons : 3 tablespoons
Sauce:	
Onion, chopped Thyme	6 ounces : 1 pound 14 ounces 1/4 ounces : 1 1/4 ounces
Celery salt Salt	l ounce : 5 ounces 7
Pepper Tomato juice Meat stock (or water)	b 1/b garrons . Ib garrons

Size of portion - 3-1/2 ounces of meat balls and 3 ounces of sauce

- 1. Mix the ground meat, uncooked rice and seasonings together thoroughly and form into balls.
- 2. Mix the ingredients for the sauce together and bring to the boil.
- 3. Pour the hot sauce over the meat balls and cook for 45 minutes or until the rice in the balls is well-swelled and tender.
- 4. Serve the meat balls with about 3 ounces of the sauce over each serving.

Pork Chop Suey

		A	mounts	
Ingredients		100 portions	:	500 portions
Lean pork	16	pounds	:	80 pounds
Pork fat	1	pound	:	5 pounds
Diced celery	8	pounds	:	40 pounds
Sliced onions	. 5	pounds	:	25 pounds
Salt	S	ounces	:	10 ounces
Boiling water	1	gallon	:	5 gallons
Chop Suey vegetables	12	pounds	:	60 pounds
Soy Sauce		pint	:	2-1/2 quarts
Cooked rice ;		quarts	:	15 gallons

Size of portion - 8 ounces

- 1. Cut the pork into thin strips and cook in the hot fat for about 5 minutes.
- 2. Add the celery and onions and cook for 5 minutes longer.
- 3. Add the salt and boiling water and simmer until the meat and vegetables are tender.
- 4. Add the soy sauce and the chop suey vegetables and cook until the mixture is hot throughout.
- 5. Serve with a mound of boiled rice.

Beef, Pot Roast with Vegetables

4		Am	ount	t
Ingreaients	10	00 portions		500 portions
Beef chuck, rump, or round, boned an	d tied.	30 pounds	:	150 pounds
Drippings	•	1 pound	:	5 pounds
Salt		3 ounces	:	15 ounces
Boiling water		2 gallons	:	10 gallons
Onions, sliced		1 pound	:	5 pounds
Green peppers, chopped		8 ounces	:	2 pounds 8 ounces
Carrot strips		3 pounds	: .	15 pounds
Tomatoes, canned		2 quarts	:	2 1/2 gallons
Flour		12 ounces	:	3 pounds 12 ounces
Cold water		3/4 quart	:	6 gallons

Size of portion - 3 1/2 ounces of pot roast and 2 ounces of vegetables and gravy

- 1. Sear the meat in the hot drippings until well browned on the surface.
- 2. Add the salt and boiling water, cover, and cook in a moderate oven (325° F.) until tender.
- 3. About half an hour before the meat is done add the vegetables and cook until they are tender.
- 4. Thicken the stock with a paste made of the flour and cold water.
- 5. Slice the meat in thin slices across the grain, and serve with the vegetables and gravy.

Meat Roll

		Amount	, ·
Ingredie	ents	100 portions:	500 portions
Ground beef		- 12 pounds	60 pounds
Grouna pork	.	4 pounds :	20 pounds
Bread crumbs		4 pounds :	20 pounds
Eggs		14, :	70
Milk	:	2 1/2 quarts:	3 gallons
Chopped onion		12 ounces :	3 pounds 12 ounces
Sage, ground		1/4 ounce :	1 1/4 ounces
Salt	and the second second	2 ounces:	10 ounces
Pepper		1/4 ounce:	1 1/4 ounces
Filling:			
Onion, choppea		l quart :	5 quarts
Celery, diced		3 quarts :	15 quarts
Cooked carrots,			6 gallons
	The state of the s	1 1/2 ounces:	7 ounces
Drippings		1/2 pound :	2 1/2 pounds

Size of portion - 6 ounces

- 1. Mix the meat, seasonings and crumbs together. Beat the eggs, and the milk, and combine with the meat.
- 2. Cook the chopped onion and celery in the drippings. Add the carrots and salt.
- 3. Weigh out 2 pounds of the meat and shape into an oblong 1/3 inch thick.
- 4. Spread the meat with 2 1/2 cups of cooked vegetables and roll up as for jelly roll.
- 5. Bake in a moderate over (325° F.) for 1 1/2 hours.

Scalloped Ham and Potatoes

	,	Amounts				
Ingredients		100 portions	:	500 portions		
*Ham, cubed		10 pounds	:	50 pounds		
Sliced raw potatoes		25 pounds	:	125 pounds		
Flour		1 pound	:	5 pounds		
Salt	•	1 ounce	:	5 ounces		
Pepper	4 × ₹ .2	1/2 ounce	:	2 1/2 ounces		
Pork drippings		1 pound	:	5 pounds		
Milk		2 gallons	• -	10 gallons '		

Size of portion - 8 ounces

- 1. Put a layer of sliced potatoes in the bottom of oiled baking pans.
- 2. Mix the flour, salt and pepper together, and sprinkle over the potatoes: dot with pork drippings.
- 3. Add a layer of cubed ham and pour milk over the top.
- 4. Repeat to fill the pans, topping with a layer of potatoes.
- 5. Bake in a moderate oven $(350^{\circ}F.)$ for $1 \frac{1}{2}$ hours or until the potatoes are tender and are browned on top.
- * Sliced frankfurters or cubea bologna may be substituted for the ham.

Braised Spareribs and Sauerkraut

	3	a de la companya de l		Amount	ts
Ingredients	i		100 portions	:	500 portions
Spareribs Salt Pepper Hot water Sauer Kraut			50 pounds 4 ounces 1 tablespoon 2 quarts 20 pounds	:	250 pounds 1 pound 4 ounces 1 ounce 2 1/2 gallons 100 pounds

Portion - 6 ounces of spareribs and 3 ounces of sauerkraut

- 1. Wipe the spareribs with a damp cloth and cut into sections.
- 2. Rub salt and pepper over the surface of the spareribs.
- 3. Put the spareribs into a roasting pan and bake in a 425°F. oven for 20 minutes or until they begin to brown.
- 4. Reduce the oven heat to 325°F., add the hot water and cover the pan. Bake from 1 1/2 to 2 hours or until tender.
- 5. Heat the sauerkraut to the boiling point, drain, and serve with the spareribs.

Swiss Steak

			Amount	
Ingredients		100 portions	:	500 portions
Round steak Flour Salt Pepper Drippings	e de la companya de l	32 pounds 1 pound 4 ounces 2 ounces 2 teaspoons 1 pound 8 ounces		160 pounds 6 pounds 8 ounces 10 ounces 3 tablespoons 7 pounds 8 ounces
*Water	;	2 gallons	•	.10 gallons

Size of portion - 4 ounces

- 1. Cut the steak into 5 ounce portions.
- 2. Mix the flour and seasonings together. Pound the flour mixture into the steak.
- 3. Brown the steak on both sides in the hot drippings.
- 4. Put the browned steak into roasting pans and add the water. Cover and cook until tender in a slow oven (300°F.)
- 5. Serve with the gravy.
- *Spanish steak may be made by substituting canned tomatoes for half the water, and browning chopped onions with the drippings in the proportion of 1 pound of onions for each 100 portions.

Lamb Stew

			Amount	****
Ingredients	rito i	100 portions	;	500 portions
*Lamb shoulder or breast, cut in 1-inch Flour	pieces 2	25 pounds 12 ounces	·	125 pounds 3 pounds 12 ounces
Drippings Water	a and and the second se	1 pound 8 ounces 2 gallons	:	7 pounds 8 ounces 10 gallons
Potatoes, peeled Carrots, cut in strips	, , , , ,	4 ounces 10 pounds 5 pounds	: : ,,	1 pound 4 ounces 50 pounds 25 pounds
Onions, quartered Green peas, shelled	1.	3 pounds 3 pounds 1 pound	:	15 pounds 15 pounds 5 pounds
Cold water	en e	1 quart	•	5 quarts

Size of portion - 8 ounces

- 1. Dredge the lamb with the flour and brown lightly in the hot drippings.

 Cover with boiling salted water and simmer for 2 or 3 hours until tender.

 2. Add the vegetables about half an hour before the meat is done and cook
- until the vegetables are tender.

 3. Thicken the stock with a paste made of the flour and cold water.

 *Veal or beef may be substituted for the lamb.

Stuffed Green Peppers

		Amounts				
Ingredients		100 portions	· ;	500 portions		
Bell peppers		100	Company of the	500		
Rice, cooked		9 quarts	to the first to the	45 quarts		
*Cooked chopped ham		8 pounds	;	40 pounds		
Chopped onion		8 ounces	:	2 1/2 pounds		
Ham fat : .	:	8 ounces		2 1/2 pounds		
Pepper 🔌 🖫	:	2 teaspoons	:	3 table spoons		
Celery salt		1/2 ounce	. :	2 1/2 ounces		

Size of portion - 1 large pepper

- 1. Wash the peppers. Cut a slice from the stem end and remove the stem, seeds and membranes.
- 2. Parboil the peppers about 5 minutes in boiling salted water; drain thoroughly.
- 3. Cook the chopped onton in the ham fat until the onion is tender. Season.
- 4. Combine the cooked rice, chopped ham and onions.
- 5. Stuff the peppers heaping the rice slightly.
- 6. Bake in a moderately hot oven at 400°F, until the peppers are tender and the rice mixture is brown on top,

Meat and Cereal Combinations

Savory Meat with Noodles

		en 1 en	Amouni	ts The state of th
Ingredients :		100 portions	•	500 portions
		i i i i i i i i i i i i i i i i i i i		•
Beef chuck or lower round	l, boned	20 pounds	:	100 pounds
Suet or drippings .		1 pound 8 ounces	:	7 pounds
Onions, chopped		2 pounds	:	10 pounds
Salt		4 ounces	:	1 pound 4 ounces
Paprika		1 ounce	•,	5 ounces
Worcestershire Sauce		2 tablespoons	:	2/3 cup
Tomato Puree		2 quarts	:	2 1/2 gallons
Water :		2 gallons	:	10 gallons
Flour		1 pound	:	5 pounds
Noodles		6 pounds	:	30 pounds

Size of portion - 8 ounces

- 1. Cut the meat in 1 inch cubes and brown with the onions in the fat.
- 2. Mix the spices, Worcestershire sauce, and tomato puree together and pour over the meat. Add the hot water and simmer for 2 or 3 hours or until the meat is tender.
- 3. Thicken the meat stock with a paste of the flour and cold water..
- 4. Cook the noodles in boiling salted water until tender. Drain thoroughly.
- 5. Serve 4 ounces of noodles with 4 ounces of the meat and gravy over them.

Veal and Noodles

		Amount	S
Ingredients	100 portio	ons :	500 portions
*Veal breast, boned and cut in			
	20 mounda	:	JOO mounds
l inch pieces	20 pounds	•	100 pounds
Water	4 gallons	:	20 gallons
Salt :	4 ounces	:	1 pound 4 ounces
Celery leaves and stems, shredded	2 pounds	:	10 pounds
Paprika	1 ounce	:	5 ounces
Noodles	8 pounds	:	40 pounds
Butter or chicken fat	1 pound	:	5 pounds

Size of portion - 8 ounces

- 1. Cover the veal with the boiling salted water and add the celery leaves. Simmer until tender.
- 2. When the meat is done, add the noodles and paprika and cook 30 minutes or until the noodles are tender.
- 3. Season with the fat and serve.
 - *Chicken or tuna fish may be substituted for veal in this recipe.

Curried Meat with Rice

	10. A	6.7	Amount	;
Ingredients	1	100 portions		500 portions
		<u> </u>		1
Veal or lamb shoulder,	, boned and			
	inch; pieces	16*pounds	:	80 pounds
Drippings **	;	1 pound 8 ounces	:	7 pounds 8 ounces
Salt and a second	4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	4 ounces	:	1 pound 4 ounces
Pepper who, is		1/4 ounce	:	1 1/4 ounces
Diced celery		6 quarts	:	7' 1/2 gallons
Boiling water		2 gallons	:	10 gallons
Flour	: "	3/4 pound	:	3 pounds 12 ounces
Curry powder	;	1/2 ounce	:	2 1/2 ounces
Cold water	;	1 quart	:	5 quarts
Worcestershire sauce		I ounce	- :	5 ounces
Rice		6 pounds	, ., uqu 🔑	30 pounds
	•	o pounds	- 1-	pourus

Size of portion - 6 ounces of meat and 3 ounces of cooked rice.

- 1. Brown the meat in the drippings. Add the salt, pepper, and boiling water and cook one hour or until nearly tender.
- 2. Add the celery and cook until the meat and celery are tender.
- 3. Mix the flour and curry powder together and blend to a paste with coldwater. Thicken the gravy. Add the Worcestershire sauce.
- 4. Serve with a mound of boiled rice.

Spanish Rice with Meat

		Amount	
Ingredients	100 portions	;	500 portions
			11:
Uncooked rice	6 pounds	:	30 pounds
Bacon drippings	1 pound	:	5 pounds
Ground beef chuck or lower round	6 pounds		30 pounds
Onion, chopped	2 pounds	:	10 pounds were say
Green pepper, chopped	1 1/2 pounds	;	7 1/2 pounds
Tomatoes, canned	2 gallons	:	10 gallons
Salt	4 ounces	:	1 pound 4 ounces
Pepper	2 teaspoons	:	1/2 ounce
Water	4 quarts	:	5 gallons

Size of portion - 6 ounces

- 1. Cook the chopped onion and meat in the bacon drippings until the onion is yellow and transparent.
- 2. Add the green pepper and cook for 5 minutes longer.
- 3. Combine the cooked meat, onion and peppers with the tomatoes and add the seasonings.
- 4. Put the washed rice and water into a steam-jacketed kettle, add the other ingredients and simmer for an hour or until the rice is well-swelled and tender.

Italian Spaghetti With Meat Sauce

	The state of the s	Amount	green w
Ingredients	100 portions	:	500 portions
	to the second se		· · · · · · · · · · · · · · · · · · ·
Spaghetti	10 pound's	* ****	50 pounds
Boiling water	5 gallens	:	25 gallons
Salt	4 ounces	;	1 pound 4 ounces
Bacon drippings	l pound 8 ounces	*	7 pounds 8 ounces
Chopped onion	1 pound	:	5 pounds
Fround Beef	10 pounds	:	50 pounds
Tomatoes, canned	2 gallons	:	10 gallons
Salt	2 ounces	;	10 ounces
Flour	1/2 pound	:	2 1/2 pounds
Cold water	l pint	:	2 1/2 quarts
Cheese, grated	2 pounds	:	10 pounds

Size of portion - 4 ounces spaghetti and 3 ounces of sauce

- 1. Cook the spaghetti until tender in boiling salted water. Drain.
- 2. Brown the chopped onion and ground beef in the bacon drippings.
- 3. Add the salt and tomatoes to the meat mixture and simmer for 15 or 20 minutes.
- 4. Make a paste of the flour and cold water and thicken the meat sauce.
 5. Put a serving of hot spaghetti on the plate. Pour the hot meat sauce over the spagnetti and top with grated cheese. (The cheese may be served in individual paper containers, if desired.)

Spanish Spaghetti

	-4.	Amo	unt
Ingredients	100 portions		500 portions
Spaghetti	10 pounds	:	50 pounds
Boiling water	5 gallons	:	25 gallons
Salt	4 ounces	:	1 pound 4 ounces
Meat, cooked and diced	7 pounds	:	35 pounds
Onions, chopped	8 ounces	:	2 pounds 8 ounces
Drippings	1 pound 8 ounces	:	7 pounds 8 ounces
Flour	8 ounces	:	2 pounds 8 ounces
Chili powder	3/4 ounce	:	4 ounces ·
Tomatoes	5 quarts	:	6 gallons
Meat stock	1 1/2 gallons	:	7 1/2 gallons
Green peppers, chopped	12 ounces	:	3 pounds 12 ounces
Celery, sliced	2 quarts	:	10 quarts
Cheese, ground	1 pound 8 ounces	:	7 pounds 8 ounces

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Size of portion - 8 ounces

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- 1. Cook the spaghetti in boiling salted water until tender. Drain.
- 2. Brown the onion and meat in one-half of the drippings.

3. Mix the flour and chili powder together, combine with the remaining drippings and thicken the stock and tomatoes.

4. Combine all the ingredients except the cheese.

5. Place in oiled baking pans and bake 1 1/2 hours in a moderate oven.

Sprinkle with the ground cheese and continue baking until the cheese is melted.

	Meat	Turnovers		7
	-	<u> </u>	Amount	
Ingredients :	-	100 portion	s ·:	500 portions
Pastry:	fiz et			
Flour to the state of the state		8 pounds	:	40 pounds
Salt be and mine;	B	2 ounces	:	10 pounds
Baking powder :		4 ounces	. :	1 pound 4 ounces
Lard		2 pounds	:	10 pounds
Milk Meat Filling:		3 quarts	;	3 1/2 gallons
Ground cooked meat	a mendance to a land	12 pounds	marka dini <mark>k</mark> ari k Vijeka Kal <u>a</u> da	60 pounds
Onion, chopped		- pound	z Romania na programa i programa i Programa i programa i p	5 pounds
Green peppers, chopped		L2 ounces	:	3 pounds 12 ounces
Meat stock	(Autolium	2,1/2 quarts		3 gallons
Paprika	a 1	1/2 ounce	* *	2 1/2 ounces (%)
Cornstarch		4 ounces	* * * * * * * * * * * * * * * * * * *	1 pound 4 ounces
Salt		2 ounces	:	10 ounces

Size of portion - 5 1/2 ounces(2 1/2 ounces pastry and 3 ounces meat filling)

- 1. Sift the flour, baking powder and salt together twice. Cut the lard into the flour mixture until it is coarsely granular. Add milk to make a soft dough.
- 2. Roll the dough 1/8 inch thick and cut into pieces about 5 inches square.

3. Mix the meat, onion, peppers and seasonings together.

4. Thicken the meat stock with a paste made of the cornstarch and cold water.

5. Mix the thickened stock with the meat.

- 6. Place 3 ounces of the meat mixture on 1/2 of the square of dough. Fold the top side of the dough over the meat and crimp the edges together with the times of a fork. Prick the top of the turnover several times.
- 7. Place the turnovers on baking sheets. Brush the tops lightly with milk.
- 8. Bake in a moderately hot oven (425°F.) from 15 to 20 minutes.
- 9. Serve hot with a brown gravy or mushroom sauce.

RECIPES FOR MEAT ALTERNATES

Cheese and Milk Dishes

Cheese Fondue

Ingredients	Amount		
	100 portions	: 500 portions	
Cheese, ground	6 pounds	: 30 pounds	
Dry mustard	1/2 ounce	: 2 1/2 ounces	
Paprika	1/4 ounce	: 1-1/4 ounces	
Salt	1-1/2 ounces	7 ounces	
Fat, melted	8 ounces	: 2 pounds 8 ounces	
Bread crumbs	3 pounds 8 ounces	: 17 pounds 8 ounces	
Milk	7 quarts	: 8 1/2 gallons	
Egg yolks	3 dozen	: 15 dozen	
Egg whites	3 dozen	: 15 dozen	

Size of portion - 4 1/2 ounces

- 1. Mix the seasonings together and add to the scalded milk; add the fat.
- 2. Pour the milk mixture over the bread crumbs.
- 3. Add the ground cheese.
- 4. Beat the egg yolks until thick and light and add to the bread mixture.
- 5. Fold in the stiffly beaten egg whites.
- 6. Fill oiled baking pans 2/3 full and bake in a moderate oven (325°F) from 1 to 1 1/4 hours or until well puffed and set.
- 7. Cut into squares and serve.

Cheese Souffle

		Amount
Ingredients	100 portions	: 500 portions
Butter or margarine	1 pound 8 ounces	7 pounds
Flour	1 pound	: 7 pounds
Salt	2 ounces	: 10 ounces
Milk	4 quarts	: 5 gallon s
Cheddar cheese, ground	6 pounds	: 30 poucis
Eggs .	5 1/2 dozen	: 27 1/2 hozen
Cayenne Pepper	1/4 teaspoon	: 1 teasmoon .

Size of portion - 4 ounces

- 1. Melt the butter and add the flour to make a smooth paste. Add the seasonings, and the milk gradually. Cook, stirring constantly, until the sauce is smooth and thick.
- 2. Add the cheese to the hot sauce and stir until the cheese is melted.

- 3. Beat the egg yolks until thick and light and combine with the hot sauce.
- 4. Fold the stiffly beaten egg whites into the sauce.
 5. Fill oiled baking pans 2/3 full. Bake in a moderate oven (325°F.) for
- 1 hour or until set and a golden brown on top.

Baked Macaroni and Cheese

	•	Amount	Construction of the second second
Ingredients	100 portions	:	500 portions
Macaroni	10 pounds	:	50 pounds
Salt	3 ounces	:	15 ounces
Boiling water	5 gallons	:	20 gallons
Flour	1/2 pound	;	2 pounds 8 ounces
Butter or drippings	1/2 pound	:	2 pounds 8 ounces
Cheese, American	6 pounds	: .	30 pounds
Milk	2 gallons	:	10 gallons
Salt	2 ounces	:	10 ounces
Paprika	1/2 ounce		2 1/2 •unces

Size of portion - 6 ounces

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- 1. Cook the broken macaroni in boiling salted water to cover until well-swelled and tender. Drain.
- 2. Make a sauce of the fat, flour, milk, and seasonings.
- 3. Grind the cheese, add it to the hot sauce and cook just long enough to melt the cheese.
- 4. Combine the cheese sauce with the drained macaroni.
- 5. Fill oiled baking pans with the macaroni and bake for one hour in a moderate oven (350°F.) If desired the pans may be topped with buttered crumbs.

Rice Omelet

		Amount	2 Analysis and the
Ingredients	100 portions		500 portions
Pt an Transfer at 1	4		0
Rice, uncooked	4 pounds		O pounds
water ,"	4 gallons	: 2	O gallons
Salt'	2 ounces	: 1	O ounces'
round cheese	4 pounds	: 2	O pounds
hite sauce	•		•
Fat	1 pound 8 ounces	;	7 pounds 8 ounces
Flour	1 pound		5 pounds
Milk	5 quarts		6 gallons
Paprika ************************************	1/2 ounce		2 1/2 ounces
Salt	1 1/2 ounces		7 ounces
les	6 dozen.		O dozen

- 1. Cook the rice in the boiling salted water until tender. Drain.
- 2. Make a white sauce of the fat, flour, milk and seasonings.
- 3. Add the ground cheese to the white sauce and combine with the rice.
- 4. Separate the eggs. Beat the yolks until thick and light and combine with the first mixture.
- 5. Beat the egg whites until stiff and fold into the rice.

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- 6. Fill oiled baking pans 2/3 full. Bake in a moderate oven (325°F.) for
- 1 1/4 hours or until puffed and golden brown on top. Cut in squares and serve,

EGGS

Creamed Eggs

15114	Amount	t
Ingredients	100 portions	500 portions
Butter, margarine, or chicken fat Flour Milk Green pepper, chopped Pimiento, chopped Salt Paprika Celery Salt Eggs, hard cooked	l pound 8 ounces l pound 8 ounces l2 quarts l pound pound sounces l ounce l/2 ounce 7 do zen	7 pounds 8 ounces 7 pounds 8 ounces 15 gallons 5 pounds 5 pounds 15 ounces 5 ounces 2 1/2 ounces 35 dozen

Size of portion - 6 ounces

- 1. Make a sauce of the fat, flour, milk and seasonings. Add the finely chopped green pepper and pimiento.
- 2. Cut hard cooked eggs in quarters lengthwise, add to the sauce and heat thoroughly.
- 3. Serve the creamed eggs on split toasted buns, or slices of toasted bread.

Scrambled Eggs

		Ame	ounts	
Ingredients		100 portions	:	500 portions
*Eggs Milk Salt Pepper, white Butter, margarine, or bacon	": :	100 2 quarts 2 ounces 2 teaspoons 8 ounces	:	500 10 quarts 10 ounces 3 table spoons 2 pounds 8 ounces

^{*} Chopped cooked ham, bacon or shredded dried beef may be added to the scrambled eggs just as they begin to thicken, in the proportion of 4 pounds of the chopped meat to each 100 portions.

- 1. Beat the eggs just enough to blend the whites and yolks; add the seasonings and the milk.
- 2. Melt the fat in a skillet, add the egg mixture, and cook over low heat until the eggs begin to coagulate on the bottom and sides of the pan. Stir and lift the eggs from the bottom and sides of the skillet allowing the liquid to flow to the bottom of the pan; continue until the eggs are firm yet tender.

FISH

Baked Fish Steaks or Fillets

	Amount			
Ingredients	100 portions	: 500 portions		
*Fish steaks or fillets	35 pounds	175 pounds		
Melted fat	1 quart	: 5 quarts		
Lemon Juice	2 cups	: 2 1/2 quarts		
Minced onion	1/2 cup	: 2 1/2 cups		
Parsley, finely minced	2 cups	2 1/2 quarts		
Salt	2 ounces	10 ounces		
Paprika	1/2 ounce	: 2 1/2 ounces		

Size of portion - 5 ounces

- 1. Melt the fat and add the lemon juice, minced onion, salt and paprika.
- 2. Wipe the fish with a clean cloth and divide into pieces of the size desired for individual servings.
- 3. Dip each piece of fish in the fat and place on a shallow oiled baking pan. Pour the rest of the fat mixture over the fish.
- 4. Bake the fish in a moderate oven at 350° to 375°F. for 25 to 30 minutes.
- 5. Sprinkle the parsley over the fish: just before serving.
- *Any variety of fish steaks or fillets may be used.

Baked Fish with Herb Sauce

100 portions 40 pounds 1 pound 2 ounces 1/2 ounce	:	500 portions 200 pounds 5 pounds 10 ounces 2 1/2 ounces
1 pound 2 ounces	:	5 pounds 10 ounces
1 pound 2 ounces	:	5 pounds 10 ounces
2 ounces	:	10 ounces
	:	
	:	2 1/2 ounces
	•	
	:	
1 1/2 pounds	:	7 pounds 8 ounces
1/2 pound	:	2 pounds 8 ounces
	:	7 1/2 cups
	:	l ounce
	•	1 ounce
		1/2 ounce
1 1/2	•	7 1/2 cups
	1 1/2 cups 1 tablespoon 1 tablespoon 1/2 tablespoon	1 1/2 cups : 1 tablespoon : 1 tablespoon :

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Size of portion - 6 ounces.

1. Clean the fish and wipe with a dry cloth.

2. Season the drippings with salt and paprika.

3. Rib the fish inside and out with the seasoned drippings.

- 4. Lay the fish on a baking pan and cook in a 350°F. oven until tender.
- 5. Prepare the sauce by cooking the onions in the fat for 5 minutes, then adding the other ingredients.

6. Pour the hot sauce over the baked fish and serve.

*Any variety of medium sized fish suitable for baking may be prepared by this method.

Baked Stuffed Fish

@ /*/'	All the state of t	Amount
Ingredients :	100 portions	: 500 portions
A SECTION OF THE SECT		aliterate of the second
Medium sized fish, cleaned	* .	:
and scaled	40 pounds	: 200 pounds
Drippings	12 ounces	: 4 pounds
Salt	2 ounces	: 10 ounces have y
	grammer of the grammer of the contract of the	* · · · · · · · · · · · · · · · · · · ·
Stuffing:		No algorithms
Bread crumbs	8 quarts	
Butter or drippings	and Pround and the following	5 pounds
Onion, finely chopped	pound on and	5 pounds
Celery, diced	1 1/2 quarts	7 1/2 quarts
Celery, diced Parsley, chopped	2 cups series	the state of the s
Sage	2 teaspoons	
Lemon juice	2 cups	
Water		3 3/4 quarts
Salt	1 ounce	5 ounces
Pepper	2 teaspoon	: 3 tablespoons

Size of portion - 7 ounces.

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- 1. Clean and scale the fish and wipe with a clean cloth.
- 2. Rub the outside of the fish with the drippings seasoned with salt and pepper.
- 3. Welt the fat, add the celery and onions and cook for 5 minutes. Add the seasonings, and combine with the bread crumbs. Moisten with the lemon juice and water.
- 4. Stuff the fish, and bake in a moderate oven at 350°F. until tender.

POULTRY

Braised Chicken

•		Amount	
Ingredients	100 portions	:	500 portions
Fowls, weighing 4 to 5 pounds each	75 pounds	:	375 pounds
Flour	2 pounds	:	10 pounds
Salt	5 ounces	;	1 pound 8 ounces
Pepper, white	2 teaspoons	:	3 tablespoons
Cooking fat	1 pound 8 ounces	:	7 pounds 8 ounces
Water	4 quarts	:	5 gallons

1. Singe the chickens, wash thoroughly in cold water, and draw. Rinse carefully.

2. Cut the chickens into two breast portions, thighs and drumsticks.

3. Reserve the backs and simmer them for use in creamed chicken, sandwiches, or salad. Use the chicken stock for sauce or in gravy. Clean the livers, hearts and gizzards and use in "giblet" dishes, or chop for giblet gravy.

4. Mix the flour and seasonings together. Roll the pieces of chicken in

the flour mixture.

5. Brown the chicken in the hot drippings.

6. Add the water to the browned chicken, cover the pan and cook in moderate over (325°F.) for 1 1/2 to 2 hours or until the chicken is tender.

7. Remove the cooked chicken; thicken the drippings with a flour and water paste, and add chicken stock or water to make gravy. Cooked and minced giblets may be added to the gravy if desired.

Chicken Pie

The second secon	• .	Amount
Ingredients rangesta	100 portions	500 portions
Filling:	the second	
Chicken stock	2 gallons	: 10 gallons
Flour	1 pound 4 ounces	: 6 pounds 4 ounces
Cooked chicken, cut in large dices	16 pounds	: 80 pounds
Potatoes, cooked and diced	8 pounds	: 40 pounds
Green peas, cooked	5 pounds	: 25 pounds
Celery, diced	3 pounds	: 15 pounds 16.7.43
Salt	2 ounces	: 10 ounces
Paprika (1)	1/4 ounce	: 1 1/4 ounces
Crust: Flour Baking powder	4 pounds 4 ounces	20 pounds 1 pound 4 ounces
Fat On the state of the state o	ounce	5 ounces
Milk	1 1/4 quarts	: 7 pounds 8 ounces : 6 1/4 quarts

Size of portion - 8 ounces

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1. Reserve 4 quarts of the cold chicken stock and blend to a paste with the flour. Heat the remaining chicken stock and thicken it with the flour paste. Season.

2. Combine the chicken and vegetables with the sauce.

3. Put the chicken filling in baking pans and cover with crust, crimping it firmly around the edges of the pan. Make several gashes in the crust to allow the steam to escape.

4. Bake in a 425°F. oven for 25 minutes or until the crust is well-browned.

y Coproved dame, we stude LEGUMES

i i gita and dira a tiga.	Amount 500
Tugleoffen og de	100 portions
Small white beans a said and apply to	10 pounds
Dry mustard Sugar	2 ounces 1 pounds 5 pounds 1 pint 1 cup 12 quarts 12 quarts 12 quarts 12 gallons
Molasses meanables of the age of the Vinegar The second of the secon	1 pint 1 cup 2 1/2 quarts 1 1/4 quarts
Water was per los com from de la la compania de la forma de la for	12 quarts 12 gallons

Size of portion - 6 ounces

1. Wash and pick over the beans. Cover with boiling water and soak for 4 hours or longer, until swelled, and the state of t

anceth of d

- Add the salt pork and seasonings.
 Put in earthenware crocks or baking pans and bake for 6 hours in a 300°F. oven. Add more hot water while baking, as necessary.

Baked Soy Beans

	in the second of	Q 10 (\$1.74)	Amount: 6-4 - 10 - 109 2
Ingredients		100 portions	: 500 portions
Chopped onion	and the second s	10 pounds 3 pounds 2 ounces 1 pound 1 pint 1/2 pound 1 1/2 quarts 10 quarts	: 50 pounds : 15 pounds : 10 ounces : 5 pounds : 2 1/2 quarts : 2 1/2 pounds : 7 1/2 quarts : 10 gallons

"Size of portion - 6 ounces

- Wash and pick over the soybeans. Soak in boiling water from 6 to 8 hours.
- Cube the salt pork in 1/2 inch cubes and fry until light brown.
- Mix the pork, fat, and other ingredients with the beans.
- Put the bean mixture into bean crocks or baking pans, add the water, and bake for 6 hours or longer 300° E. Add extra water while baking as necessary. संबंध है। विकास मृत्या विकास मान्या करते हैं। विकास मान्या है

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Using Dried Brewer's Yeast

Wartime diets which contain very limited amounts of meat, milk, and eggs, may supply inadequate amounts of calcium, iron, riboflavin and niacin. The use of enriched bread and flour, and of whole grain cereal products will help to increase the amounts of these nutrients in the diet, as well as to furnish additional thiamin.

Dried brewer's yeast is another valuable source of iron, thiamin, riboflavin, and niacin, and supplies protein of high quality. It may be incorporated in many food preparations to improve the nutritive value of the diet.

Some varieties of dried brewer's yeast have a characteristic flavor which is masked most successfully when the yeast is combined in dishes which are flavorful. Meat loaves, meat balls, stews, meat pies, baked beans, creole beans, and stuffed green peppers are typical preparations in which varying amounts of dried brewer's yeast may be incorporated. The yeast may also be added to well-seasoned ground meat sandwich fillings in proportion of 1/2 ounce of dried yeast to each 1 pound of meat. Industrial dietitians who have experimented with dried yeast recommend that 1 teaspoon or less per average portion is the amount that can be best incorporated in foods without being detected.

Mild flavored debitterized dried brewer's yeast now is being produced. This may be incorporated in foods without imparting a bitter flavor to the product. However, it still has a characteristic odor and flavor which can be detected when it is used in large amounts.

Experimental work is now in progress to produce debitterized dried brewer's yeast with characteristic meaty or nut-like flavors. It is hoped that these flavored yeasts may be used as protein and vitamin supplements to meat. This work is still in the initial stage, and these products probably will not be available immediately.

Three recipes are given which illustrate the possibility of incorporating dried brewer's yeast into typical standard recipes. As has been stated previously it also may be used successfully in many other food preparations.

Recipes Using Dried Brewer's Yeast

Meal Balls

Ingredients	Amount		
	100 portions	: 500 portions	
Ground beef	16 Pounds	: 80 pounds	
Ground fresh pork	4 pounds	: 20 pounds	
Onions, chopped	1 pound 8 ounces	: 7 pounds 8 ounces	
Salt	4 ounces	: 1 pound 4 ounces	
Pepper	1/2 ounce	: 2 1/2 ounces	
Eggs	5	2 dozen	
Tomatoes, canned	1 1/2 quarts	: 7 1/2 quarts	
Bread crumbs	2:pounds	: 10 pounds	
*Dried brewer's yeast	1 pound 8 ounces	: 7 pounds 8 ounce	

- 1. Mix the meat, onions, seasonings, and bread crumbs together.
- Mix the brewer's yeast with enough meat stock to make a smooth paste, and add to the meat with the beaten eggs and tomatoes.
- 3. Add enough meat stock to moisten the meat enough to form into balls.
- 4. Form into 2 ounce balls and bake in a moderate oven (350°F.) for 25 to 30 minutes. 3345 5 5 W
- 5. Serve with brown gravy or tomato sauce.
- 2 m3 1/3 1/5 1/5 *The addition of dried brewer's yeast supplements the protein, and adds valuable amounts of thiamin, riboflavin, and niacin to the diet.

Creole Lima Beans & Ar Tar

		Amount
Ingredients	1. 100 Portions	
Dried Lima Beans	3 gallons	50 pounds 15 gallons 2 pound 8 ounces 10 pounds 7 1/2 gallons

Size of portion - 8 ounces

- 1. Soak the lima beans in boiling water for four hours. Cook in the water in which they were soaked until tender.
- 2. Cook the onions in the bacon drippings for 5 minutes. Combine the onions, tomatoes, green peppers and seasonings and add to the cooked beans.
- 3. Make a paste of the brewer's yeast and cold water and add to the beans.
- 4. Pour into oiled baking pans and bake for 45 minutes in a moderate oven (350°F.)
 - *Dried brewer's yeast supplements the protein value of the beans, adds valuable amounts of thiamin, riboflavin, and niacin.

	15 In .	Amount
Ingredients	100 portions	500-portions
Meat stock	2 gallons	10 gallons
Drippings	. 1 pound 8 ounce	s . 7 pound 8 ounces
Flour	l pound	5 pounds
Celery salt	: 2 teaspoons	3 tablespoons
Salt	to taste	to taste.
Dried brewer's yeast	l cup	5 cups

Size of portion -21/2 ounces

- 1. Melt the drippings and stir in the flour.
- 2. Add the hot stock slowly, stirring constantly with a wire whip until thickened
- Add the seasonings.
- Just before serving add the dried brewer's yeast which has been mixed to a positive in the serving add the dried brewer's yeast which has been mixed to a

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